

Dithiophosphonation of 4-(1H-pyrrol-1-yl)phenol and 4-(1H-imidazol-1-yl)phenol

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Abstract

© 2015 Pleiades Publishing, Ltd. Reactions of 4-(1H-pyrrol-1-yl)phenol and 4-(1H-imidazo-1-yl)phenol with 2,4-diaryl-1,3,2λ5,4λ5- dithiadiphosphetane 2,4-disulfides gave the corresponding O-4-hetarylphenyl hydrogen arylphosphonodithioates which were converted into ammonium salts. The latter showed antimicrobial activity against Grampositive bacteria and antifungal activity against fungi of the genus *Candida*.

<http://dx.doi.org/10.1134/S1070428015090109>
